

GenCore version 5.1.4.p5.4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using SW model

Run on: March 20, 2003, 11:06:23 ; Search time 91 Seconds
(without alignments)
6244.748 Million cell updates/sec

Title: US-09-315-355A-47
Perfect score: 1853
Sequence: 1 gatccctgagcgtgtgagcag.....aaagtaattcctaacaat 1853

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents, NA: *
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PTCUS.COMB.seq: *
6: /cgn2_6/ptodata/1/ina/Backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	62.2	3.4	7218	1	US-08-232-463-14
2	48.4	2.6	2518	4	US-09-433-699-3
3	44.8	2.4	3925	2	US-09-047-026A-3
4	42.2	2.3	1958	4	US-09-702-327-3
5	42.2	2.3	2295	1	US-08-375-300-3
6	42.2	2.3	2295	3	US-09-177-431-3
7	42.2	2.3	2295	5	PCT-US95-16930-3
8	42.2	2.3	4080	1	US-08-375-300-1
9	42.2	2.3	4080	5	US-09-177-431-1
10	42.2	2.3	4080	5	PCT-US95-16930-1
11	41.8	2.3	696	4	US-08-998-416-1050
12	41.8	2.3	3489	2	US-08-728-323A-1
13	41.8	2.3	3489	4	US-08-298-568-1
C 14	41.8	2.3	32207	4	US-08-770-379-20
C 15	41.8	2.3	32207	4	US-08-757-669A-20
C 16	41.8	2.3	32207	4	US-09-230-371A-20
17	40	2.2	2277	1	US-08-676-967-2
18	40	2.2	2277	1	US-08-676-974-2
19	40	2.2	2277	2	US-08-098-487-2
20	39.8	2.1	1242	1	US-08-252-966B-13
21	39.2	2.1	14855	2	US-08-687-080-59
22	38	2.1	289	4	US-09-007-005-17
23	38	2.1	289	4	US-09-244-796-17
24	37.4	2.0	1221	2	US-08-658-665-55
25	37.4	2.0	1221	4	US-08-796-101-19
26	37.4	2.0	1221	4	US-09-085-273-55
27	37.4	2.0	1221	4	US-09-171-699-3

28	37.4	2.0	1221	5	PCT-US94-02107-1	Sequence 1, Appli
29	37.4	2.0	1383	2	US-08-658-665-58	Sequence 58, Appl
30	37.4	2.0	1383	4	US-08-796-101-22	Sequence 22, Appl
31	37.4	2.0	1383	4	US-09-085-273-58	Sequence 58, Appl
32	37.4	2.0	1386	2	US-08-658-665-53	Sequence 53, Appl
33	37.4	2.0	1386	4	US-08-796-101-17	Sequence 17, Appl
34	37.4	2.0	1386	4	US-09-085-273-53	Sequence 53, Appl
35	37.4	2.0	1476	2	US-08-658-665-50	Sequence 50, Appl
36	37.4	2.0	1476	4	US-08-796-101-14	Sequence 14, Appl
37	37.4	2.0	1476	4	US-09-085-273-50	Sequence 50, Appl
38	37.4	2.0	1975	2	US-08-658-665-51	Sequence 51, Appl
C 39	37.4	2.0	1975	4	US-08-796-101-15	Sequence 15, Appl
C 40	37.4	2.0	1975	4	US-09-085-273-51	Sequence 51, Appl
41	37.4	2.0	2225	1	US-08-450-945-56	Sequence 56, Appl
42	37.4	2.0	2225	4	US-08-976-161-56	Sequence 56, Appl
43	37.4	2.0	2314	3	US-08-105-454-1	Sequence 1, Appli
44	37.4	2.0	2577	2	US-08-658-665-56	Sequence 56, Appl
45	37.4	2.0	2577	4	US-08-796-101-20	Sequence 20, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14/C
Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22133-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-9300
TELEFAX: (703) 683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: PTZgpt-F1s
US-08-232-463-14
Query Match 3.4%; Score 62.2; DB 1; Length 7218;

Best Local Similarity 5.0%; Pred. No. 8.9e-08;
Matches 19; Conservative 217; Mismatches 145; Indels 0; Gaps 0;

```

QY 35 TCCCTCCCTATGACAGCTGTTTCTAGAGTGACAGCCCTTGAAGTGAAGCATGACCAACC 94
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1478 TACCTATCTATGCAAGTAGTAAAGATAGAGAATTGGTACRRRRRRRRRRRRRRRRRR 1419

QY 95 GCAGCCCGCAGTACGCTGCTGGCTGGCTCCGCTGGCGCGTGCACCAAGACACCAG 154
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1418 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1359

QY 155 ACAAGTAGAGCTAGTAAAGAAAGTAAACCCCTATGCTGAGGCAAGAGAAAT 214
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1358 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1299

QY 215 TGCAGAGAAAGTGTGTGGCTAGTAAAGACAGACAGCAGTCTTACAGAGATGCA 274
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1298 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1239

QY 275 TGCAGAGTACAGCAGCAGCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 334
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1238 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1179

QY 335 ATGACAGAGCCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAG 394
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1178 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1119

QY 395 AAGGTGACCCAGATGCTGAGA 415
    : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1118 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1098

```

RESULT 2

```

US-09-433-699-3
; Sequence 3, Application US/09433699B
; Patent No. 6155786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 3
; LENGTH: 2518
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (112)..(2235)
US-09-433-699-3

```

Query Match 2.6%; Score 48.4; DB 4; Length 2518;
Best Local Similarity 47.9%; Pred. No. 0.00051;
Matches 139; Conservative 0; Mismatches 151; Indels 0; Gaps 0;

```

QY 136 GTGGCCAAAGAGACACGACAGAGTAGAGCTGAGTAAAGAGTAAAGCCTCATTT 195
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 604 GAGATGAGAGTGAATGAAACGACGACGATGAAGACGAGCTGCGCCCTGCTCA 663

QY 196 GCTGAGGCAAGAGAAATTGCAAGAGAGAGTGTGCTGCTGCTGCTGCTGCTGCTG 255
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 664 GAGATGAGAGAGTGAAGATGACGAAAGATGATGATGATGATGATGATGATGATGAT 723

QY 256 AGTCTTCAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 315
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 724 GACTCTGAAGAGAGCTATGAGACTACACGACCAAGAGAAAGAGCTGCAAAAGTT 783

QY 316 GAGAGGTGACCAAGAGATGACAGAGAGCTTGTGATGATGATGATGATGATGATGATG 375
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 784 GTTCTGTGAAGAGCAAGACGTGCTGAGATGAGATGAGATGAGATGAGATGAGATGAG 843

```

```

QY 376 TTAGATAAATATATGAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGA 425
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 844 GAGATGACAGACGACGAGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 893

```

RESULT 3

```

US-09-047-026A-3
; Sequence 3, Application US/09047026A
; Patent No. 5989897
; GENERAL INFORMATION:
; APPLICANT: Pillus, Lorraine
; APPLICANT: Clarke, Astrid
; APPLICANT: Lowell, Joanna
; APPLICANT: Jacobson, Sandra
; APPLICANT: Reifmeyer, Cheryl
; TITLE OF INVENTION: Yeast Silencing Genes, Proteins and
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/047,026A
; FILING DATE: 24-MAR-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/042,375
; FILING DATE: 24-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferber, Donna W.
; REGISTRATION NUMBER: 33,878
; REFERENCE/DOCKET NUMBER: 1-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3925 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1340..3835
US-09-047-026A-3

```

Query Match 2.4%; Score 44.8; DB 2; Length 3925;
Best Local Similarity 60.8%; Pred. No. 0.0071;
Matches 73; Conservative 0; Mismatches 47; Indels 0; Gaps 0;

```

QY 306 AGAGCCCTGAGAGATGTAACCGAGATGACAGAGCCTTGATGATGATGATGATGATG 365
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3595 AAAAGCCAAAGAGATGAAGACGAAGCAAGACTTACCTTGATGATGATGATGATGATG 3654

QY 366 TGAATACACTTATATATATATATATATATATATATATATATATATATATATATAT 425
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 3655 TGACCAATATATCAAGAAAGATATGAGGAGAGACACATATGAAAGACAGTATGTA 3714

```

RESULT 4

US-09-702-327-3
; Sequence 3, Application US/09702327
; Patent No. 6426220
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETTICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/702,327
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 3
; LENGTH: 1958
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (109)..(1362)
US-09-702-327-3

Query Match 2.3%; Score 42.2; DB 4; Length 1958;
Best Local Similarity 63.1%; Pred. No. 0.028; 38; Indels 0; Gaps 0;
Matches 65; Conservative 0; Mismatches 38; Indels 0; Gaps 0;

Qy 304 AGAGAGCCCCGTGAGAGTGTGACCCAGAGATGACAGACGCTTGATGATGAGCTG 363
Db 1237 AAAGAGAGAGAGAGAGAGAGAGAGAGAGATGATGAGAGAGAGAGATGAGATGAGAGAG 1296
Qy 364 GCTGAGTACGACTTATGATTAATATGATGAGAGAGCTGACCCAG 406
Db 1297 GATGAGAGAGACAGAGAGAGAGATGAGAGAGATGTCCTCCG 1339

RESULT 5

US-08-375-300-3
; Sequence 3, Application US/08375300
; Patent No. 5679566
; GENERAL INFORMATION:
; APPLICANT: Feng, He
; APPLICANT: Jacobson, Allan S.
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE PRODUCTION IN
; TITLE OF INVENTION: THE ABSENCE OF NONSENSE-MEDIATED MRNA DECAY FUNCTION
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/375,300
; FILING DATE: 20-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. P.
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/046001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)542-5070
; TELEFAX: (617)542-8906
; TELEFAX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2295 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

US-08-375-300-3

Query Match 2.3%; Score 42.2; DB 1; Length 2295;
Best Local Similarity 49.8%; Pred. No. 0.03;
Matches 107; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

Qy 212 AATTGCAGAGAGAGTGTGCGCATGATGAAGAGAGACAGCGATCTTCAAGATG 271
Db 1595 ATTACTAGAGAGAGATGAAGACGCGAGATAGTACACCGAACACAGAGTCAGCGCCAG 1654
Qy 272 GCATGAGAGTGCACGACCCGACGACCCCAAGAGAGCCCTGAGAGTGGTGAACCCAG 331
Db 1655 GAAACATCAGGCAAGACAGACGAAAGTGAAGATGAAGACGATGAGCGATGAGAGG 1714
Qy 332 AGATGACAGAGAGCTTGATGATGATGAGCTGCTGATGACGCTTAGATAAATATGATG 391
Db 1715 ATGATGACGATGACGATGATGATGATGATGATGATGATGAGAGAGAGCGATGATGATG 1774
Qy 392 AGAAGGTGACCCAGATGCTGAGACTTTGTGAA 426
Db 1775 ATGAAGATGATGATGATGATGATGATGATGAA 1809

RESULT 6

US-09-177-431-3
; Sequence 3, Application US/09177431
; Patent No. 6071700
; GENERAL INFORMATION:
; APPLICANT: He, Feng
; APPLICANT: Jacobson, Allan S.
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE PRODUCTION IN THE
; TITLE OF INVENTION: ABSENCE OF NONSENSE-MEDIATED MRNA DECAY FUNCTION
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/177,431
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/955,472
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07917/050001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-9806
; TELEFAX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2295 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-177-431-3

Query Match 2.3%; Score 42.2; DB 3; Length 2295;
Best Local Similarity 49.8%; Pred. No. 0.03;
Matches 107; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

Qy 212 AATTGCAGAGAGAGTGTGCGCATGATGAAGAGAGACAGCGATCTTCAAGATG 271

Db 1595 ATTACTAGGAGAAAGTAAGACCGCGGAGTAAGTACACCGAACAAGAGTCAAGCGCCAG 1654
QY 272 GCATGACAGAGTGCACGACCCAGGACCCCAAGAGAGCCCTTGAGAGTGTGACCCAG 331
Db 1655 GAAACATCATGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 1714
QY 332 AGATGACAGACCGCTTATGATGAGAGCTGCTGAGTACGACTTAAATATGATG 391
Db 1715 ATGATGACGATGACGATGACGATGATGATGATGATGATGATGATGATGATGATG 1774
QY 392 AGAAGGTGACCCAGATGCTGAGACTCTTGAGAA 426
Db 1775 ATGAAATGATGATGATGATGATGATGATGATGAA 1809

RESULT 7
PCT-US95-16930-3
; Sequence 3, Application PC/TUS9516930
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE
; TITLE OF INVENTION: PRODUCTION IN THE ABSENCE OF
; TITLE OF INVENTION: NONSENSE-MEDIATED MRNA DECAY
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/16930
; FILING DATE: 27-DEC-1995
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 08/375,300
; FILING DATE: 20-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Faase, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/046W01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)542-5070
; TELEFAX: (617)542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2295 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; PCT-US95-16930-3

Query Match 2.3%; Score 42.2; DB 5; Length 2295;
Best Local Similarity 49.8%; Pred. No. 0.03; Indels 0; Gaps 0;
Matches 107; Conservative 0; Mismatches 108;

QY 212 AATTGCAAGAAGAGTGTGCGAGTGAAGAGACAGGCGAGTCTTCAAGATG 271
Db 1595 ATTACTAGGAGAAAGTAAGACCGCGGAGTAAGTACACCGAACAAGAGTCAAGCGCCAG 1654
QY 272 GCATGACAGAGTGCACGACCCAGGACCCCAAGAGAGCCCTTGAGAGTGTGACCCAG 331
Db 1655 GAAACATCATGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 1714

QY 332 AGATGACAGACCGCTTATGATGAGAGCTGCTGAGTACGACTTAAATATGATG 391
Db 1715 ATGATGACGATGACGATGACGATGATGATGATGATGATGATGATGATGATGATG 1774
QY 392 AGAAGGTGACCCAGATGCTGAGACTCTTGAGAA 426
Db 1775 ATGAAATGATGATGATGATGATGATGATGATGAA 1809

RESULT 8
US-08-375-300-1
; Sequence 1, Application US/08375300
; Patent No. 5679566
; GENERAL INFORMATION:
; APPLICANT: Feng, He
; APPLICANT: Jacobson, Allan S.
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE PRODUCTION IN
; TITLE OF INVENTION: THE ABSENCE OF NONSENSE-MEDIATED MRNA DECAY FUNCTION
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street Suite 3100
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/375,300
; FILING DATE: 20-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Faase, J. P.
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04020/046001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)542-5070
; TELEFAX: (617)542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4080 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-375-300-1

Query Match 2.3%; Score 42.2; DB 1; Length 4080;
Best Local Similarity 49.8%; Pred. No. 0.041;
Matches 107; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

QY 212 AATTGCAAGAAGAGTGTGCGAGTGAAGAGACAGGCGAGTCTTCAAGATG 271
Db 3044 ATTACTAGGAGAAAGTAAGACCGCGGAGTAAGTACACCGAACAAGAGTCAAGCGCCAG 3103
QY 272 GCATGACAGAGTGCACGACCCAGGACCCCAAGAGAGCCCTTGAGAGTGTGACCCAG 331
Db 3104 GAAACATCATGAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG 3163
QY 332 AGATGACAGACCGCTTATGATGAGAGCTGCTGAGTACGACTTAAATATGATG 391
Db 3164 ATGATGACGATGACGATGACGATGATGATGATGATGATGATGATGATGATGATG 3223
QY 392 AGAAGGTGACCCAGATGCTGAGACTCTTGAGAA 426
Db 3224 ATGAAATGATGATGATGATGATGATGATGATGAA 3258

RESULT 9

```
US-09-177-431-1
; Sequence 1, Application US/09177431
; Patent No. 6071700
; GENERAL INFORMATION:
; APPLICANT: He, Feng
; APPLICANT: Jacobson, Allan S.
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE PRODUCTION IN THE
; TITLE OF INVENTION: ABSENCE OF NONSENSE-MEDIATED MRNA DECAY FUNCTION
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/177,431
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/955,472
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07917/050001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-9806
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4080 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-177-431-1

Query Match          2.3%; Score 42.2; DB 3; Length 4080;
Best Local Similarity 49.8%; Pred. NO. 0.041;
Matches 107; Conservative 0; Mismatches 108; Indels 0; Gaps 0

QY      212 AATTCCAGAGAAGAGCTGTGGCAGTGAATGAAAGAGACGACGCGACTCTTCAGAAATG 271
Db      3044 ATTTCTAGGAGAMATGMAAGACGCCGAGATTAATACACCGAACACAGAGTAGCGCCG 3103

QY      272 GCATCCAGAGTSCACGACCACCCGACGCCTCAAGAGAGCCCTCGAGAGATGTGACCCG 331
Db      3104 GAATAATCAGGCAAAACAAGCATGAAAGATGAAGATGAAGACATGATGGACATGACGAG 3163

QY      332 AGATGACAGAGACGCTTGATGATGATGAGAGCTGCTGATGACCATTAATAATATGATG 391
Db      3164 ATGATGACGATGACATGACATGACATGATGATGATGATGATGAGAGAAGAGCCATGAGATG 3223

QY      392 AGAAGGTGACCCAGATGCTGAGACTCTTGTTGAA 426
Db      3224 ATGAAGATGATGATGATGATGATGATGATGATGAA 3258

RESULT 10
PCT-US95-16930-1
; Sequence 1, Application PC/TUS9516930
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
; TITLE OF INVENTION: HETEROLOGOUS POLYPEPTIDE
; TITLE OF INVENTION: PRODUCTION IN THE ABSENCE OF
; TITLE OF INVENTION: NONSENSE-MEDIATED MRNA DECAY
```

```

TITLE OF INVENTION: FUNCTION
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street Suite 3100
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/16930
FILING DATE: 27-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/375,300
FILING DATE: 20-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Faase, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 04020/046W01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)542-5070
TELEFAX: (617)542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4080 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US95-16930-1

Query Match 2.3%; Score 42.2; DB 5; Length 4080;
Best Local Similarity 49.8%; Pred. No. 0.041;
Matches 107; Conservative 0; Mismatches 108; Indels 0; Gaps 0.

OY 212 AATTGCAGAGAAAGAGTGTGGCAGTGTGAAGAGACAGCAGCTCCTTGAGAAAGTG 271
Db 3044 ATTACTCTAGGAGAAAGATMAAGCGCGGAGATAGTACACCGAACAAGATGAGCGCCAG 3103
OY 272 GCATCAGAGTGCACGCACCCAGCAGCAGCCCAAGAGAGCCCTTGAGAGATGCTGACCGAG 331
Db 3104 GAAACATCCAGGCAAGCAAGACGAAAGTGAAGATGAAGACGATAGGACGATGACGAGG 3163
OY 332 AGATGACAGGACCGCTTGATGATGATGAGTGAAGCTGGCTGAGTACGACTTAAATAATATGATG 391
Db 3164 ATGATGACGATGACGATGACGATGATGATGATGATGATGATGATGATGATGATGATGATG 3223
OY 392 AGGAAGTGCACCCAGATGCTGAGACTCTTGATGAA 426
Db 3224 ATGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 3258

RESULT 11
US-08-998-416-1050
Sequence 1050, Application US/08998416
Patent No. 6239264
GENERAL INFORMATION:
APPLICANT: Pohlmann, Peter
APPLICANT: Pohlmann, Rainer
APPLICANT: Steiner, Sabine
APPLICANT: Mohr, Christine
APPLICANT: Wendland, Jurgen
APPLICANT: Knechtle, Philipp
APPLICANT: Reibschung, Corinne
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSEYII
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 1152

```

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6239264artis Corporation
STREET: 3054 Cornwellis Road
CITY: Research Triangle Park
STATE: No. 6239264th Carolina
COUNTRY: USA
ZIP: 27709

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,416
FILING DATE: 24-DEC-1997
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: CH 0016/97
FILING DATE: 31-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CCG1976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 1050:
SEQUENCE CHARACTERISTICS:
LENGTH: 696 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: PAG1640UP
US-08-998-416-1050

```

```

Query Match          2.3% Score 41.8; DB 4; Length 696;
Best Local Similarity 57.6%; Pred. No. 0.022;
Matches 95; Conservative 0; Mismatches 67; Indels 3; Gaps 1;

```

```

QY 604 GAACACTCTTTTATGATACCATGATATACCTGTGCGATATCCCTGAGTGTGAA 663
DB 452 GACGCGTGTGTGACGTACACGACGACCTGATGTTGCCGCACTTCCCTGTGCTGAG 511
QY 664 TGGGTGAATTTGATCTAGCCAGAA--TGATTCTACTGGAATTAATTACATTGCTGAGA 720
DB 512 TGGGTGAATCTACGCGCGGGTGAACCTGACGCGCGGGAACCTTGGCGCGGTGCGC 571
QY 721 AACATGACCCCTGTTATTGAAGTGTGGACCTTGATATATAGTGGAC 765
DB 572 ACCTTGACACCCACGATCGAGCTGTGAACCTGAGACTGTGTGAC 616

```

```

RESULT 12
US-08-728-323A-1
Sequence 1, Application US/08728323A
Patent No. 5948676
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: Immediate Early Protein From Kaposi's
TITLE OF INVENTION: Sarcoma-Associated Herpesvirus' DNA
TITLE OF INVENTION: Encoding Same And Use Thereof
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York

```

```

COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,323A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/52268/JPM/MS/SKS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3489 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..3489
US-08-728-323A-1

```

```

Query Match          2.3% Score 41.8; DB 2; Length 3489;
Best Local Similarity 47.8%; Pred. No. 0.049;
Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

```

```

QY 173 AAGAAGAGTAAACGCCCTATTGCTGAGCAAGGAATTCAGAGAAGAGTGTG 232
DB 989 ATGATGAGAGAGACGACGACGACGATGAGAGACGAGATGACGAGAGATGACG 1048
QY 233 GCACTGATGAAGAGACGACGAGCTCTTCAGAAATGTCATGACAGTGCACGCC 232
DB 1049 AGGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACG 1108
QY 293 AGGCAGCCCAAGAGAGACCCCTGAGAGATGAGTACCAGAGATGACGAGACCTGATG 352
DB 1109 AGGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACGAG 1168
QY 353 ATGATGAGCTGCTGACTAGCACTTAATTAATATGATGAGAGAGTGCACCATGCTG 412
DB 1169 AGGAGAGAGACGAGAGAGAGAGAGAGAGAGAGAGAGAGATGACGATGATGAGG 1228
QY 413 AGACTCTTGTGA 425
DB 1229 ACAATGAGAGCA 1241

```

```

RESULT 13
US-09-298-568-1
Sequence 1, Application US/09298568
Patent No. 6322792
GENERAL INFORMATION:
APPLICANT: Kieff, Elliott D.
APPLICANT: Ballesrae, Mary E.
APPLICANT: Kaye, Kenneth M.
TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO
TITLE OF INVENTION: VIRUS DNA TO MEDIATE EFFICIENT EPISOME PERSISTENCE
FILE REFERENCE: 16412-10001R
CURRENT APPLICATION NUMBER: US/09/298,568
CURRENT FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,422
EARLIER FILING DATE: 1998-11-19
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1

```

LENGTH: 3489
TYPE: DNA
ORGANISM: Kaposi's sarcoma-associated herpesvirus
US-09-298-568-1

Query Match
Best Local Similarity 47.8%; Score 41.8; DB 4; Length 3489;
Pred. No. 0.049;
Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

QY 173 AAGAAAGTAAACGCCCTCATTTGCTGAGCAAGAGAAATTGCAAGAAAGGTGGTG 232
DB 989 ATGATGAGAGAGAGAGAGAGAGAGATGAGAGAGAGATGACGAGAGATGACG 1048
QY 233 GCAGTATGAAGAGAGAGAGAGAGAGAGATGACGAGAGATGACGAGAGATGACG 292
DB 1049 AGGAGATGACGAGAGAGAGATGACGAGAGAGATGACGAGAGATGACGAGAGATGACG 1108
QY 293 AGGACGCCCAAGAGAGAGAGAGAGAGAGATGACGAGAGATGACGAGAGATGACG 352
DB 1109 AGGAGATGACGAGAGAGAGATGACGAGAGAGATGACGAGAGATGACGAGAGATGACG 1168
QY 353 ATGATGAGCTGCTGAGTACGACTTAGATTAATATGATGAGAGAGATGACGAGATGCTG 412
DB 1169 AGGATGAGATGAGG 1228
QY 413 AGACTCTTGATGA 425
DB 1229 ACAATGAGAGCA 1241

RESULT 14
US-08-770-379-20/c
Sequence 20, Application US/08770379
Patent No. 5849564

GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-770-379-20

Query Match
Best Local Similarity 47.8%; Score 41.8; DB 2; Length 32207;
Pred. No. 0.15;
Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

QY 173 AAGAAAGTAAACGCCCTCATTTGCTGAGCAAGAGAAATTGCAAGAAAGGTGGTG 232
DB 21008 ATGATGAGAGAGAGAGAGAGAGATGAGAGAGAGATGACGAGAGATGACGAGAGATGACG 20949
QY 233 GCAGTATGAAGAGAGAGAGAGAGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACG 292
DB 20948 AGGAGATGACGAGAGAGAGATGACGAGAGAGATGACGAGAGATGACGAGAGATGACG 20889
QY 293 AGGACGCCCAAGAGAGAGAGAGAGAGAGATGACGAGAGATGACGAGAGATGACGAGAGATGACG 352
DB 20888 AGGAGATGACGAGAGAGAGATGACGAGAGAGATGACGAGAGATGACGAGAGATGACGAGAGAGATGACG 20829
QY 353 ATGATGAGCTGCTGAGTACGACTTAGATTAATATGATGAGAGAGATGACGAGATGCTG 412
DB 20828 AGGATGAGATGAGG 20769
QY 413 AGACTCTTGATGA 425
DB 20768 ACAATGAGAGCA 20756

RESULT 15
US-08-757-669A-20/c
Sequence 20, Application US/08757669A
Patent No. 6183751

GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
TITLE OF INVENTION: SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,669A
FILING DATE:

CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 45185-F
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-757-669A-20

Query Match
2.3%; Score 41.8; DB 4; Length 32207;
Pred. No. 0.15;
Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

Best Local Similarity 47.8%; Pred. NO. 0.15;
Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

Matches 121; Conservative 0; Mismatches 132; Indels 0; Gaps 0;

173 AAGAGAGTAAACGCCCTCATTTGCTGAGGCAAGGAGAAATTGCCAAGAGAAGGTGTG 232

Db 21008 ATGATGACGAGCAGGAGACAGATGAGGAGACGAGGAGGATGACGAGGAGGATGACG 20949

233 GCAGTGTGAAGAGGAGACAGGCAGTCTTCAGAAAGATGGCATGCAGAGTGCACGCCACC 292

Db 20948 AGAGGATGACGAGGAGGATGACGAGGAGGATGACGAGGAGGATGACG 20889

293 AGGCACGCCCAAGAGAGCCCCCTGGAGGATGCTGACCCAGAGATGACAGGACGCTTGATG 352

Db 20888 AGGAGTGA CGAGGAGTGACGAGGAGATGACGAGGAGGATGACGAGGAGGAGCG 20829

353 ATGATGAGCTGGCTGAGTACGACTTAGATTAAATATATGATGAGCAAGCTGACCCAGATGCTG 412

Db 20828 AGGAGGACGAGGAGGAGGACGAGGAGGAGGACGAGGAGGATGACGATGATGAGC 20769

413 AGACTCTGGTGA 425

Db 20768 ACAATGAGGACGA 20756

Search completed: March 20, 2003, 12:04:43
Job time : 224 secs

Job time : 224 secs